

time, the sound pressure, the type or the manufacturing number of the sound calibrator so as to keep a calibration history.

ABSTRACT

The present invention provides a method and a system for automatically calibrating a sound level meter which achieves accurate and secure calibration of a sound level meter. The system is for automatically calibrating a sound level meter 2 by using a sound calibrator 1. The sound calibrator 1 comprises a code signal 5 generating means 11 and a calibration sound pressure generating means 12. The sound level meter 2 comprises a code signal discriminating means 25, a mode switching means 26 for switching the mode into a calibration mode in response to the discrimination of the code signal discriminating means 25, a gain adjusting means 27 for adjusting a gain of the amplifier 22 such that the indicated value corresponds to 10 the level of the calibration sound pressure in the calibration mode, and a calibration recording means 28 for recording the calibration date and time, the sound pressure, the type, and the manufacturing number of the sound calibrator 1.